

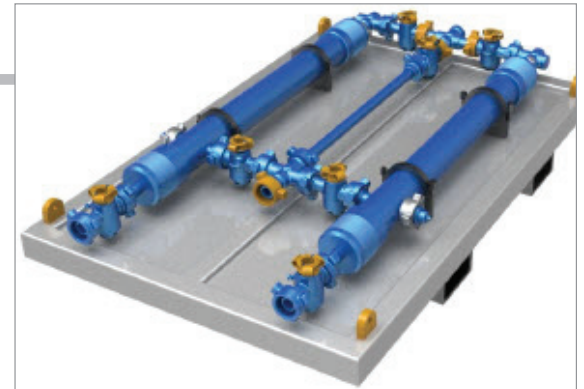


TETRA's Plug/Debris Catcher (also known as a Junk Catcher) is designed to recover large, solid pieces that flow from a well after stimulation activity. Plug/Debris Catchers are positioned upstream of the choke manifold in order to prevent erosion damage to downstream equipment. Perforated tubing screens with 0.38-sized holes are spaced one inch apart, equally around the screen. Well effluent is passed through the screens and stops solids larger than the perforations.

Screens can be flushed clean or removed from the catcher to be changed and/or cleaned. Solids are measured, cleaned, and weighed to determine solids production. Dual legs with twin screens allow flow to be switched from one leg to the other and maintain continuous, uninterrupted flow to the well. A three-inch bypass line runs down the center of the catcher, if needed. Various sized screens can be installed (4,6,8,10, and 12 mm).

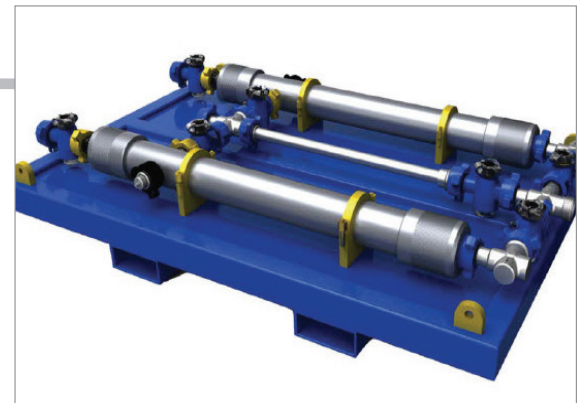
Features/Benefits

- Keeps debris from milled plugs from reaching the test or process kit downstream
- Single-leg plug catchers can reverse circulate debris, eliminating the need to shut down the cleanup process in order to clean the screen
- Dual plug catchers can divert flow to opposite leg when the screen is pulled and cleaned



Applications

- Solids removal during frac flow back of plug material resulting from a mill-out process
- Positioned upstream of sand separators and choke manifolds
- Onshore and offshore operations
- Helps prevent plugging of chokes and process equipment



Technical Specifications

Style	Working Pressure (psi)	Temp °F	Valve Type	Inlet/Outlet/ Bypass Connection	Internals (in)	Dimensions (L x W x H)	Weight (lbs)
Dual Leg	10,000	-20/250	Plug	3" HU 1502	143.9" screen	8' x 8' x 4'	6,000

Note: All plug catchers are built under API 6A construction specifications. Plug catchers that meet NACE MR0175, must meet API 6A PSL 2 or 3.

